

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20050174559").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 12:14
S2	11	("6466041" "3829047" "4710028" "4013244").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:26
S3	21	("4419012"   "4424943").PN. OR ("4710028").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 16:39
S4	1980	(missile adj guid\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 16:40
S5	480	(missile adj guid\$4) and laser	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 16:40
S7	1050	(missile with (track\$3 locat\$3)) and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 17:06
S8	174	(missile with (track\$3 locat\$3)) and laser and ((energy power) with increas\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 14:16
S9	259	(missile rocket projectile) with beacon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 18:29

## EAST Search History

S10	2 ("6615074").PN.   	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/02 18:29
S11	21 ("2930894"   "3098933"   "3711046"   "3751166"   "3761180"   "3820742"   "3848830"   "3954228"   "3998406"   "4027837"   "4047117"   "4047678"   "4162052"   "4174818"   "4202515").PN. OR ("6260792"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 09:06
S12	17 ("2404942"   "2944763"   "2981500"   "3168264").PN. OR ("3998406").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 11:15
S13	28 ("2923496"   "3219826"   "3332077"   "3338534"   "3428815"   "3494576"   "3500050"   "3820742").PN. OR ("4027837"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 11:28
S14	18 ("3227882"   "3366346"   "4027837"   "4034949"   "4047678").PN. OR ("4247059"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 12:11
S15	26 ("2930894"   "2944763"   "3169191"   "3366346"   "3372889").PN. OR ("4047678"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 12:32
S16	23 ("2930894"   "3219826"   "3467773"   "3478212"   "3640628").PN. OR ("3761180"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 12:47
S17	24 ("3352965"   "4232456"   "4290757"   "4439156"   "4534735"   "4552533"   "4585418").PN. OR ("5224860").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:12
S18	24 ("3237052"   "3312860"   "3371232"   "3435320"   "3487822"   "3496411"   "3531738"   "3549944"   "3677253"   "3721884"   "3721885").PN. OR ("3898588"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 14:12

## EAST Search History

S19	32	(teneze bernoux).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 14:41
S22	8	("2002154293" "5332176" "4173777" "5062586" "5332176" "4173777" "5062586").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 14:46
S23	1195	(244/3.11,3.16).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 14:47
S24	313	S23 and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 14:51
S26	360	S23 and pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 14:52
S27	32	S23 and flash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 14:52
S28	66	S23 and beacon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 14:52

## EAST Search History

S29	1	GB-1517794-\$ did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 16:52
S31	1	"19611027".ad. and "148092".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 15:19
S32	4925	tracking and beacon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 15:52
S33	2204	S32 and (pulse flash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 15:52
S34	655	S33 and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 14:32
S35	1732	(beacon with track\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 15:53
S36	534	S35 and pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 15:53

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S37	143	S36 and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 15:53
S38	524	laser with beacon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 16:53
S39	4	("4424943").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 14:32
S40	32	("2930894"   "3098933"   "3598344"   "3711046"   "3751166"   "3761180"   "3820742"   "3848830"   "3954228"   "3998406"   "4027837"   "4047117"   "4047678"   "4162052"   "4174818"   "4220296").PN. OR ("4424943"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/04 14:56
S41	1142	(luminous with flash\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 14:57
S42	274	(luminous with flash\$3)and pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 15:42
S43	1270	optical with beacon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 15:42

## EAST Search History

S44	297	optical with beacon and pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 15:48
S46	96	vcsel with (beacon flash lamp strobe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 15:07
S47	2	("6880467").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 17:10
S48	15	("2458448"   "3757632"   "3954228"   "4015258"   "4040744"   "4202246"   "4245560"   "5208417"   "5359920"   "5456157"   "5596509"   "5686690"   "6038955"   "6260792").PN. OR ("6880467").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/04 17:44
S49	13	tow adj missile and beacon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:34
S50	2	("5685504").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/05 10:45
S51	2659	laser with puls\$3 with (increas\$3 rise rais\$3) with (power intensity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:47

## EAST Search History

S52	70	S51 same square	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:54
S53	701	S51 with time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:54
S54	25	S53 same square	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 10:58
S55	931	(laser with puls\$3) same capacitor same (charg\$4 with pulse\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 11:03
S56	13	S55 same square	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 11:00
S57	4	("3628048"   "3898588"   "5736881").PN. OR ("5895984"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/05 11:29
S58	12	("3025417"   "3176158"   "3473049"   "3486043").PN. OR ("3628048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/05 12:29
S59	1133	(laser with pulse) same ((energy power) with (increas\$3 vary varies proportion\$3) with (time))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 09:26
S60	13	(laser with pulse) same ((energy power) with (increas\$3 vary varies proportion\$3) with (time)) with capacitor	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/05 12:56

## EAST Search History

S61	8	S55 same rectangular	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 13:20
S62	3	rectangular adj charg\$3 adj pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 13:21
S63	29	(pulse adj laser) and (charg\$3 adj pulse) with capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 13:34
S64	62	(pulse with laser) and (charg\$3 adj pulse) with capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 13:46
S65	153	(laser with pulse) same capacitor same (increas\$3 with (power energy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 13:54
S66	31507	power with time with increases	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 14:17
S67	183	S66 with square	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 14:44

## EAST Search History

S68	101	command adj2 line adj2 sight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 14:44
S69	36	(398/120).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 09:00
S70	272	(398/118).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 09:00
S71	830	pulse and laser adj diode and ((increase proportion\$4) with power with (time distance))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/06 09:40
S74	187	(250/203.3).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 10:28
S75	535	(250/203.1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 10:36
S76	8	(beacon emitter) with (inverse adj square adj law)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 12:22

## EAST Search History

S77	1501	(244/3.15,3.16,3.17).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 12:22
S78	0	("l2and(pulselaserbeacon)").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 12:23
S79	387	S77 and pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 12:23
S80	317	S77 and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 12:23
S81	43	S77 and beacon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 12:23
S82	1	S77 and (vcSEL vertical adj cavit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 13:13
S83	294	(244/3.19).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 13:13

## EAST Search History

S84	161	(vcSEL vertical adj cavity) and (lidar ladar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 15:52
S85	247	vcSEL same (ranging tracking)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 15:34
S86	1740	(244/3.11,3.15,3.16,3.17).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:52
S87	1	S86 and (vcSEL vertical adj cavity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 15:53
S88	0	"244".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 15:54
S89	72538	("244").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:54
S90	6	S89 and (vcSEL vertical adj cavity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 15:56

## EAST Search History

S91	38035	("102").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:56
S93	6	S91 and (vcSEL vertical adj cavity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 15:58
S94	206	(vcSEL vertical adj cavity) same (beacon flash lamp strobe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/06 15:59